

UTILITY APPLICATION

Attorney Docket No.: NIH209.001C1

First Named Inventor: Ghislaine Mayer

Title: PLASMODIUM FALCIPARUM ERYTHROCYTE
BINDING PROTEIN BAEBL FOR USE AS A VACCINE

Express Mail Label No.: EV 318985459 US

Direct all correspondence to Customer No.: 20995

Date: October 2, 2003

Page 1 of 2

Mail Stop Patent Application

United States Patent and Trademark Office

PO Box 1450

Alexandria, VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventor(s):

1. Ghislaine Mayer

2. Louis H. Miller

APPLICATION ELEMENTS:

(X) Specification in 40 pages.

(X) Drawings in 8 sheets (color drawing in triplicate and a photocopy).

(X) Sequence Submission Statement in 1 pages, and

(X) Sequence Listing on paper in 9 pages

(X) Sequence Listing in CRF

CONTINUITY INFORMATION:

| Application | Relationship | Parent App. No. | Filing Date | Status |
|------------------|---------------------|-----------------|-------------|-----------|
| This Application | Continuation | PCT/US02/10071 | 03/29/02 | Pending |
| PCT/US02/10071 | Benefit of Priority | 60/281,130 | 04/02/01 | Abandoned |

(X) Incorporation by Reference. The entire disclosure of the prior application(s) is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

OTHER APPLICATION PARTS:

(X) Petition to Accept Color Photographs in 2 pages

(X) Return prepaid postcard.


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| UTILITY APPLICATION | Attorney Docket No.: NIH209.001C1 |
| | First Named Inventor: Ghislaine Mayer |
| | Title: PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEIN BAEBL FOR USE AS A VACCINE |
| | Express Mail Label No.: EV 318985459 US |
| Direct all correspondence to Customer No.: 20995 | |
| Date: October 2, 2003 Page 2 of 2 | |

FILING FEES:

| FEE CALCULATION | | | | |
|--------------------|--------------|--------------|----------------------|---------------|
| FEE TYPE | | FEE CODE | CALCULATION | TOTAL |
| Basic Utility | | 1001 (\$770) | | \$770 |
| Non-English Spec. | | 1053 (\$130) | | \$0 |
| Recordation Fee | | 8021 (\$40) | 0 x 40 = | \$0 |
| Excess Claims > 20 | 64 - 20 = 44 | 1202 (\$18) | 44 x 18 = | \$792 |
| Independent > 3 | 3 - 3 = 0 | 1201 (\$86) | 0 x 86 = | \$0 |
| Multiple Claim | | 1203 (\$290) | | \$290 |
| Petition Fee | | 1460 (\$130) | | \$130 |
| | | | TOTAL FEE DUE | \$1982 |

(X) A check in the amount of **\$1982** to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.



 Nancy W. Vensko
 Registration No. 36,298
 Attorney of Record
 Customer No. 20,995
 (805) 547-5580

MAIL STOP PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

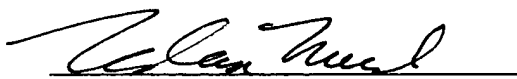
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : NIH209.001C1
Applicant(s) : Mayer et al.
For : PLASMODIUM FALCIPARUM
ERYTHROCYTE BINDING PROTEIN
BAEBL FOR USE AS A VACCINE
Attorney : Nancy W. Vensko
"Express Mail"
Mailing Label No. : EV 318985459 US
Date of Deposit : October 2, 2003

I hereby certify that the accompanying

Transmittal letter; Specification in 40 pages; 8 sheets of drawings; Sequence Submission Statement; Sequence Listing on diskette; Paper Copy of Sequence Listing in 9 pages; Petition to Accept Color Photographs in 2 pages; Check for Filing Fees; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Nelson Merida

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|-----------------|---|--|
| Applicant | : | Mayer et al. |
| Appl. No. | : | Unknown |
| Filed | : | Herewith |
| For | : | <i>PLASMODIUM FALCIPARUM</i> ERYTHROCYTE BINDING PROTEIN BAEBL FOR USE AS A VACCINE |
| Group Art Unit: | : | Unknown |

PETITION TO ACCEPT COLOR PHOTOGRAPHS AS PART OF A UTILITY PATENT
UNDER 37 CFR 1.84(b)(2)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicant hereby submits the formal drawings for the above-captioned application. Also submitted is this written petition to accept color photographs as part of the application in accordance with the requirements of 37 CFR 1.84(b)(2). As additionally required by 37 CFR 1.84 (a)(2), included with this petition are: (1) the fee of \$130 as set forth in 37 CFR 1.17(h); (2) color drawings in triplicate; (3) a black and white photocopy that accurately depicts, to the extent possible, the subject matter shown in the color drawings; and (4) the Specification contains the required language as the first paragraph of the brief description of the drawings.

Applicant believes that color drawings are necessary as the only practical medium by which to disclose the subject matter sought to be patented in the accompanying utility patent application because these figures depict the immunolabeling of *Plasmodium falciparum* erythrocyte binding protein BAEBL in micronemes with various antibodies (Figure 2A-D). The

Appl. No. : **Unknown**
Filed : **Herewith**

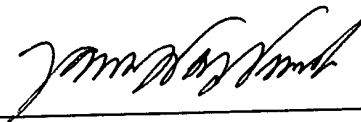
color drawings most accurately disclose the localization and expression of BAEBL in micronemes.

For all of the above reasons, applicant respectfully requests that this petition be granted.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 10/2/03

By: 
Nancy W. Vensko
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